

**INSPECTION/FIELD ACTIVITY REPORT**

BCP Site No.:	C224148	AUTHOR:	Jacqueline Carames
PROJECT NO.:	3165.0006R000	DATE:	08/27/2022
PROJECT:	Sunset Industrial Park 74 20th St., Brooklyn, NY	WEATHER:	Sunny, 80°F, Wind: W @ 10 mph Humidity: 65%, Pressure: 30.03" Hg
CLIENT:	SIP Holdings Venture, LLC	TIME:	09:00 AM – 3:00 PM

CONTRACTOR AND EQUIPMENT:	PERSONNEL PRESENT AT SITE AND AFFILIATION:
<u>Kingdom – Excavation/Foundation Contractor</u> <ul style="list-style-type: none">• Komatsu PC 350 LC Hydraulic Excavator• Komatsu PC 228US LC Hydraulic Excavator• Komatsu PC 50 MR Hydraulic Mini Excavator• Benford PT9100 Site Dumper• Komatsu WA380-5 Wheel Loader	<u>Roux Environmental Engineering & Geology, D.P.C</u> Jacqueline Carames, Staff Geologist <u>Kingdom</u> David Szmuc, Assistant Project Manager <u>Suffolk</u> Cal Ho, Project Manager

GENERAL COMMENTS:

As part of the of the NYSDEC-approved Remedial Action Work Plan, Roux Environmental Engineering and Geology D.P.C. (Roux) performed environmental oversight and operated air monitoring equipment in compliance with the Community Air Monitoring Plan (CAMP) during foundation installation activities.

RAWP Activities Performed:

- Kingdom continued excavation, rebar installation, and form installation along the 21st Street side (adjacent to the sidewalk) to install additional foundation footings.
- Kingdom performed sheeting installation adjacent to grid cell A3 (offsite in sidewalk) for ConEd vault installation.

CAMP Performed:

- CAMP was performed from 09:00 am to 3:00 pm. No exceedances of dust or VOCs were recorded while CAMP was running.

Other Relevant Comments or Issues:

- Kingdom continued to use water for dust mitigation, as needed.

Upcoming work activities:

- Installation of SOE and deeper foundation elements (footings, piers, pile caps, etc.) expected to continue throughout the site area through October 2022. Localized excavation will occur, as necessary.
- Installation rebar and continued SOE work along 21st Street expected to continue during the week.
- Roux will continue oversight, performance of CAMP during intrusive construction activities and collecting soil documentation end point samples as required by the RAWP.

PHOTOS:

Submitted By: Jacqueline Carames of Roux Environmental Engineering and Geology, D.P.C.	Approved By: Levi Curnutte of Roux Environmental Engineering and Geology, D.P.C.
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Photo 1:

Looking south: Kingdom continuing installation of forms and rebar for foundation installation in grid cells B3 and B2.



Photo 2 :

Looking south: Foundation footings installation/forming continues in Grid B1.

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**Photo 3:**

Looking southeast: Kingdom performs sheeting installation along northern perimeter of grid cell A3

**Photo 4:**

Looking north: View of site entrance during cleaning/maintenance.

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Site Map



UST Staging Area



Discovery area of 3 USTs



Current area of localized excavation
for foundation installation



Soil Stockpile



Concrete Stockpile

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Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Particulate Monitoring

Project: 74 20th Street, Brooklyn, NY
 Project Number: 3165.0006J000
 Project Manager: Levi Curnutte
 Location: 74 20th Street, Brooklyn, NY
 Date: 8/27/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (mg/m ³)	Time	15-min Avg. (mg/m ³)	
9:18 AM	0.03	9:13 AM	0.039	0.009
9:33 AM	0.03	9:28 AM	0.030	0.000
9:48 AM	0.032	9:43 AM	0.031	-0.001
10:03 AM	0.033	9:58 AM	0.030	-0.003
10:18 AM	0.032	10:13 AM	0.039	0.007
10:33 AM	0.031	10:28 AM	0.032	0.001
10:48 AM	0.03	10:43 AM	0.031	0.001
11:03 AM	0.03	10:58 AM	0.029	-0.001
11:18 AM	0.027	11:13 AM	0.028	0.001
11:33 AM	0.028	11:28 AM	0.026	-0.002
11:48 AM	0.030	11:43 AM	0.029	-0.001
12:03 PM	0.028	11:58 AM	0.027	-0.001
12:18 PM	0.029	12:13 PM	0.029	0.000
12:33 PM	0.029	12:28 PM	0.030	0.001
12:48 PM	0.030	12:43 PM	0.029	-0.001
1:03 PM	0.028	12:58 PM	0.029	0.001
1:18 PM	0.027	1:13 PM	0.029	0.002
1:33 PM	0.027	1:28 PM	0.028	0.001
1:48 PM	0.026	1:43 PM	0.030	0.004
2:03 PM	0.025	1:58 PM	0.036	0.011
2:18 PM	0.027	2:13 PM	0.027	0.000
2:33 PM	0.027	2:28 PM	0.031	0.004
2:48 PM	0.025	2:43 PM	0.027	0.002
3:03 PM	0.024	2:58 PM	0.026	0.002

mg/m³ - milligrams per meters cubed

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC Monitoring

Project: 74 20th Street, Brooklyn, NY
 Project Number: 3165.0006J000
 Project Manager: Levi Curnutte
 Location: 74 20th Street, Brooklyn, NY
 Date: 8/27/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (PPM)	Time	15-min Avg. (PPM)	
9:15 AM	0.0	9:24 AM	0.0	0.0
9:30 AM	0.0	9:39 AM	0.0	0.0
9:45 AM	0.0	9:54 AM	0.0	0.0
10:00 AM	0.0	10:09 AM	0.0	0.0
10:15 AM	0.0	10:24 AM	0.0	0.0
10:30 AM	0.0	10:39 AM	0.0	0.0
11:00 AM	0.0	10:54 AM	0.0	0.0
11:15 AM	0.0	11:09 AM	0.0	0.0
11:30 AM	0.0	11:24 AM	0.0	0.0
11:45 AM	0.0	11:39 AM	0.0	0.0
12:00 PM	0.0	11:54 AM	0.0	0.0
12:15 PM	0.0	12:09 PM	0.0	0.0
12:30 PM	0.0	12:24 PM	0.0	0.0
12:45 PM	0.0	12:39 PM	0.0	0.0
1:00 PM	0.0	12:54 PM	0.0	0.0
1:15 PM	0.0	1:09 PM	0.0	0.0
1:30 PM	0.0	1:24 PM	0.0	0.0
1:45 PM	0.0	1:39 PM	0.0	0.0
2:00 PM	0.0	1:54 PM	0.0	0.0
2:15 PM	0.0	2:09 PM	0.0	0.0
2:30 PM	0.0	2:24 PM	0.0	0.0
2:45 PM	0.0	2:39 PM	0.0	0.0
3:00 PM	0.0	2:54 PM	0.0	0.0
3:15 PM	0.0	3:09 PM	0.0	0.0

VOC - Volatile Organic Compound
 PPM - parts per million

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Meter Locations

Project: 74 20th Street, Brooklyn, NY
Project Number: 3165.0006J000
Project Manager: Levi Curnutte
Location: 74 20th Street, Brooklyn, NY
Date: 8/27/2022
Times: 9:00 AM to 3:00 PM


Wind Direction



Notes: CAMP - Community Air Monitoring Program
UW - Upwind CAMP Station
DW - Downwind CAMP Station